

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: "Barry L. Ornitz" <u856010@eastman.com>  
Subject: Additional Book Deal Comments  
Message-ID: <Pine.ULT.3.91.960606114238.8693C-100000@dua150.kpt.emn.com>

To begin, I have NOT complained to Jack about this in the past, but I agree fully with his feelings on this subject.

On Wed, 5 Jun 1996, Jim Dillon wrote:

> There hasn't been a single post on this subject in weeks.  
> Only essential info was sent and with minimum bandwidth.

This did not match what I remembered so I decided to check my archive of digest for the past month. I found specific mention on the "Book Deal" by Jim in Digests: 638, 640, 648, 649, 651, 652, 653, 657, 662, 671, 695, 704, and 705. There may have been more but I missed a few digests. There were considerably more posts about earlier "Book Deals" too. I tend to believe that posts saying "the following people have sent me checks" do not belong here as they only waste bandwidth; individual email should have been used for this.

Jack wrote Jim the following (based on quoted material from Jim):

>> Evidently the message I sent the other day skipped your notice:  
>> PLEASE do not run what looks like a commercial enterprise via the BA=20  
>> list...

Most of us can take a hint the first time. I LOVE to discuss antennas and Jack has politely, but firmly, told me to keep to the boatanchor issues only. That's fine; I have not gone away mad.

As to whether this was a commercial enterprise or not, I will be glad to take Jim's word that it was not. But the quantity of posts and much of their wording sounded otherwise.

>> You can certainly aim your email at those individuals who are=20  
>> interested and keep the list clear of what have now become somewhat=20  
>> annoying and too frequent transactions.

This seems like quite reasonable advice here. [All I would add is to fix your software to prevent it from sending those annoying "=20" suffixes to most lines.]

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Richard A. George" <wa6jox@rain.org>  
Subject: allmost free tubes  
Message-ID: <Pine.SUN.3.93.960608142127.3371E-100000@coyote.rain.org>

Tha last bunch of tubes i put on here went so fast they must be worth something! most of this collection was in my dads stuff, so here is the next patch. These are all untested and some are really old and probably worth something as a collector even if they were bad. I'm open to the best offer on this batch.  
226, 34, ux199, 30, 200a, 22 2ea, 27 2ea, 45 2 ea, 201a 3ea, 71a, 80, 30, 12at7 2ea, 6at6  
Thanks wa6jox

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Another One Gone  
Message-ID: <61030.ddillman@igc.apc.org>

Well, Hans picked up his TT-1F/TXC-1 BA fax machine at Foothill today. List readers may remember my report last month about me and my Sidekick Sprout (now just departed as R/O aboard our newest ship, by the way) dragging one of these home.

At the price, \$20 new in the original box, with paper, spares and canvass cover, I'm surprised more BA enthusiasts haven't shown interest in these. They're a bit closer to the fringe than a R-390, I admit, but they're really good looking (to one with a BA eye, of course) and they're interesting.

Hans and I both got original manuals from Fair Radio (\$15) and I ordered the one available PP-86A power supply for the unit from them, new, for a sky-high price that I don't want to tell anyone about 'cause you'll make fun of me and I hate that... okay, it was \$85.

So anyway, for those who may be considering ownership of one of these beasts, I've included the contact information below. I have no interest in these units beyond finding them good homes.

Lowell Thomas (no relation)  
P.O. Box 15026  
Fresno, CA 93702  
Phone: 209-227-1605

Dick Dillman

WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>  
Subject: Re: Antennas for BA Transmitters  
Message-ID: <960607203803\_70401.134\_IHD99-1@CompuServe.COM>

AMEN!!!

Don't be afraid of "end fed" antennas! Good and proper grounding is the key.  
a #14 or a #12 wire ain't "proper" grounding at RF frequencies!

I routinely run a Kilowatt OUTPUT on 75 meters with a very high voltage node  
right at the rear of my antenna tuner. My rig isn't "hot" with RF. I use the  
shortest run of 3" copper flashing for my ground bus! The operating table has  
a run of this along the rear with everything jumpered to it. The FIRST thing  
the  
copper flashing ground bus hooks up to is the antenna coupler with everything  
else further "downstream".

73,  
Sandy, W5TVW  
Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Re: Antennas for BA Transmitters  
Message-ID: <79015.ddillman@igc.apc.org>

On Fri, 7 Jun 1996 18:29:57 -0500 (CDT),  
Sandy, W5TVW <70401.134@CompuServe.COM> wrote:

>I routinely run a Kilowatt OUTPUT on 75 meters with a very high voltage node  
>right at the rear of my antenna tuner. My rig isn't "hot" with RF. I use the  
>shortest run of 3" copper flashing for my ground bus! The operating table has  
>a run of this along the rear with everything jumpered to it. The FIRST thing  
>the  
>copper flashing ground bus hooks up to is the antenna coupler with everything  
>else further "downstream".

Roger that, Sandy. But what does your copper flashing attach to? Eh?

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>  
Subject: Re: Antennas for BA Transmitters  
Message-ID: <960608033602\_70401.134\_IHD64-2@CompuServe.COM>

For "ground rods" I use:  
Two 8' ground rods made from 3/4" hard drawn copper water pipe. I soldered a short tab to each pipe BEFORE I drove it. Once the pipe gets in the ground, you can't solder it properly with a damn oxy-acetylene torch! The rods are about 10' apart and they are interconnected with the same copper flashing. I punch about 3 holes in a lap joint, put it together with 'pop' rivets, then solder them well with a torch. The whole thing then is weather proof. The 'area' is a "sump" for the condensation water discharge line for my central A/C unit. In this heat and humidity, it stays "soggy" and swampy during the summer! The water table is high here and we have very good ground conductivity. I could light a 500 watt lamp using the ground as the "neutral" easily. A 'dodge' where you can't get a decent 'ground' is to supplement it with a counterpoise. One of the best (although it deteriorates with time) is common 1" mesh galvanized chicken wire. Use a strip 1-2' wide (or wider) and as long as possible (15-65 feet or more) It can be buried just beneath the surface or laid on the surface and the grass allowed to grow over it. Another one is a tuned "radial" (66' for 80, 33' for 40 etc.) type counterpoise. This can be beneath, lying on, or just above the surface (so no one can trip on it!)  
I have done QRP in the field using a 66' "antenna" one end connected to the tuner and the other end sloping up to as high a limb as you can get it over.  
The "counterpoise" (another 66' length of hookup wire) is laid on the ground under the antenna. Works great. Use whatever configuration of tuner ("L" section or "T" section types) that get the most "fire in the wire"! Dipole antennas in a 'tactical' field setup are too much trouble to get up and require too many

supports. (At least one high one and someplace to tie the ends!) Especially if you want to setup and break down in a hurry.

73,

Sandy, W5TVW

Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996

From: "Jim Berry" <basalop@eskimo.com>

Subject: Antennas for BA transmitters?

Message-ID: <199606061416.HAA00694@mail.eskimo.com>

Hello BA Fans,

The BA transmitters I am speaking of are the WWII variety. They were, more or less I assume, designed to feed a single wire. An antenna for one is rather simple. 20 feet to a 1000 feet of wire and most of them can tune it. The problem is that today, with computers and that sort of junk, there can be a problem with hearing computer hash in your receiver and the transmitter working over the computer. A solution would probably be to feed an antenna with some sort of shielded feedline (50 ohm coaxial cable comes to mind) but I am not sure how to go about it, or if this is how it would be done. Any suggestions?

73 Jim

\*\*\*

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)

Email: basalop@eskimo.com FAX: 360-659-1360

Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA

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From boatanchors@theporch.com Sat Jun 8 07:08:37 1996

From: Ken\_Warren@bsd.beavton.k12.or.us (Ken Warren)

Subject: Re: Antennas for BA transmitters?

Message-ID: <1592873.ensmtp@bsd.beavton.k12.or.us>

An idea I have been toying with but haven't tried yet is a motor driven coil connected from the base of the antenna to ground. Connect the coax braid to ground and the center conductor to the adjustable tap on the coil. Remotely adjust for best impedance match. This would probably require a remote SWR bridge at the coil end also unless your feed line is tuned for the frequency you are on.

Ken Warren K7RPX

Ken\_Warren@bsd.beavton.k12.or.us  
KenwK7RPX@worldnet.att.net

--

--  
Beaverton School District  
beavton.k12.or.us

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: johnmb <johnmb@nando.net>  
Subject: B&W 6100  
Message-ID: <Pine.SUN.3.91.960607181854.27317B-100000@parsifal.nando.net>

Does anyone have any experience with this beast? Serial number  
212 appeared on my doorstep today!

Thanks  
/john

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: RhyneK@aol.com  
Subject: Re: B&W 6100  
Message-ID: <960607215038\_551755559@emout09.mail.aol.com>

I had one of those about 15 years ago. It was quite the transmitter and it originally cost over \$800 when new. It uses a crystal synthesizer circuit and you set the frequency with 3 knobs. The B&W 6100 is considered rare now. There were only about 800 manufactured. At the time the 6100 came out Collins and Swan were just coming out with transceivers much smaller in size. The B&W 6100 and the Hallicrafters HT-32 were about the last of the big transmitters. Electric Radio had a nice article on the 6100 last year.

de KA1CX

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Re: B&W 6100  
Message-ID: <78371.ddillman@igc.apc.org>

On Fri, 7 Jun 1996 18:35:58 -0500 (CDT),  
johnmb <johnmb@nando.net> wrote:

> Does anyone have any experience with this beast? Serial number  
>212 appeared on my doorstep today!

A B&W 6100!? Jeezo-Pete, John. What kinda bait are you putting out  
on that doorstep of yours?

I must admit I'm not much of a transmitter man but the 6100 sure looks  
like an interesting item and worthy of the title of beast. And only  
200 made, according to Moore! Hmmm. How does that fit with S/N 212?

No matter. Now you must immediately tell us all of everything about  
your experiences with it. And admit it - you've already plugged it  
in, haven't you? So what happened?

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: rdkeys@csemail.cropsci.ncsu.edu  
Subject: BA Tip for the Day --- cheap relays  
Message-ID: <9606061535.AA100143@csemail.cropsci.ncsu.edu>

Since the topic of dc running of ac relays has popped up, I thought  
I would pass along my zwei pfennigs worth.....

If you have a stock of the 110 vac octal K-series relays or the  
110vac heavy duty AC power relays such as are used in general  
electrical equipment circles, they can be made into very effective  
antenna, power, keying, and other use relays at 28vdc for general  
boatanchorite/glowbuggite playing.

I have been using these things for years on 28vdc for such things  
as power starting contactors for dynamotors or antenna relays or  
keying relays (the octal K series do pretty well at this if you  
don't need to QRQ 50wpm).

On 28vdc the 110vac relays tend to be slightly sluggish, but that is  
usually not much of a problem.

Not all 110vac relays will key on 28vdc but most seem to, and are

entirely satisfactory. Ones that don't key well, usually will on 36 volts or so, as was mentioned earlier in the Dow key fix.

Thus, there is good use for all those useless scrap junkie boxen 110vac power relays that you have scarfed up over the years in your golden junkie boxe.....(:+{} }.....

73/ZUT DE NA4G/Bob

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: Nick England <nick@cs.unc.edu>  
Subject: Re: BA Tip for the Day --- cheap relays  
Message-ID: <199606061523.LAA12169@altair.cs.unc.edu>

Man, I love it! - Only on Boatanchors would you find advice on how to convert those useless 110vac relays to work on the more commonly found 28vdc !!

-----

Nick England nick@cs.unc.edu KD4CPL  
<http://www.cs.unc.edu/~nick>

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: lkayser@rideau.net (Larry Kayser)  
Subject: BA's I spotted, VHF-152's  
Message-ID: <199606060952.FAA18854@mail.peterboro.net>

I saw two VHF-152's the other day, they seemed to be priced reasonably as well. If your into 152's you will know the difference, one was a 152A.

Send me an EMAIL and I will pass on the details of getting in touch with the chap who has them.

Larry  
va3lk / wa3zia

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Richard A. George" <wa6jox@rain.org>  
Subject: barrymanounts  
Message-ID: <Pine.SUN.3.93.960607123012.16477A-100000@coyote.rain.org>



I have 2ea Barrymount bases for i believe ARC 5 type equipment. They measure 5"x10". If somebody can use them let me know e-mail direct and you can have them. I would appreciate something for packing and shipping.

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: MAB@delphi.com  
Subject: Calling all FAX Fan(atics) ---  
Message-ID: <01I501PIITS28Y81T3@delphi.com>

Gang, sorry for the bandwidth in reposting this message, but several folks have emailed me 'cause I had an error in Lou De Gonzague's email address. So, here's the message with the correct address. Mike

Subj: Calling All FAX Fan(atic)s

Just got a call from my friend, Lou De Gonzague in Latham, NY. Seems he bought a barn full of stuff left over from the estate of the late Garret Dillenbeck. Apparently, Mr. Dillenbeck was a pioneer in the development of Fax and a LOT of his equipment was in that barn, including the scanner and receiver and power amps used for the first (?) trans-Atlantic Fax transmission. Also found were a lot of documents and photos of historical significance. Lou would like to speak to someone to find out what of this is of historical significance, ie, should be donated to a museum, and would also consider selling pieces to collectors.

Anyone wanting to pursue this, should contact Lou directly (and not me). He can be reached at zenithite@aol.com or at 518-783-6327.

73, Mike

```
%
%
% Michael A. Burke, Synetics Consultants
% PO Box 439, 11 Scenic Dr, Westminster, MA 01473
% 508-874-0908 mab@delphi.com
%
% No electrons were mistreated or harmed in the
% production and distribution of this message.
%
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From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: wb6zwc@ns.net  
Subject: chassis rust, etc.

Message-ID: <199606090045.RAA20547@tomcat.ns.net>

CORROSION X 1-800-638-7361 in Dallas Texas..

A marine product that has a dielectric of 40kv.

If one really wants to stop rust give them a call.....It is a little expensive but worth the money.

I have been using it around lots of metal parts that are exposed to high voltages....

Wanted 312-B3

Richard@Sacramento,Ca.

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996

From: w0ogh@ix.netcom.com (Larry Godek)

Subject: re: clunker relays

Message-ID: <199606080405.VAA17497@dfw-ix9.ix.netcom.com>

Clunker relays were in lots of radios. They even carried high power. Look at what was in the BC-610. An open frame relay and that beast (oh great beloved one) run 300 watts at least to the antenna tuner when used or straight out to the open wire feed. There must been some real "impedance bumps" there huh?

Kinda like lots of hams and their 1.1:1 swr gig. I'll tell that one another time.

Larry W00GH@ix.netcom.com

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996

From: Al Klase <alklase@postoffice.ptd.net>

Subject: Collins 651S1

Message-ID: <199606082210.SAA23143@ns1.ptd.net>

Gentlemen,

The good news is that I picked up a 651S1 RX today. Of course, you know the bad news: It doesn't work, and I have no schematic. Any guidance would be appreciated.

73,

Al

Al Klase - N3FRQ  
alklase@postoffice.ptd.net  
Flemington, NJ

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: Andy Wallace <wallace@mc.com>  
Subject: Crystal collecting  
Message-ID: <9606072039.AA04759@taku>

----- Begin Included Message -----

From: Merv Schweigert <k9fd@htc.net>  
Subject: Wiring

Also collect old crystals any holder style , trying to find the different manufacturers during ww2 etc, and keys , bugs of course.

----- End Included Message -----

Hello, Merv!

It's not for sale but I do have a Bliley crystal holder with the vernier dial on the top. There was an article in Electric Radio about unusual crystals some years back. They showed one of these in a photo, but mine is different because it travels 12 kc instead of just three. Interesting! It is a round holder with the wide pin spacing.

I also have another round holder that is different in that the holder is clear plastic.

There are lots of different crystal styles out there...no doubt your collection is interesting. I'd love to hear from other BAers who have unusual rocks.

On keys and bugs, I just don't see many desirable ones at the fleas around here (mostly beat up and expensive) but I do own two: a Vibroplex Original Deluxe which I was proud to buy last fall, and a J-36 Lionel war vet.

Anyone got a good piece of gear/circuit diagram that would make a good crystal "test bench?" I have a modern digital receiver for checking calibration, but a bench

oscillator would be handy to have. Usually I just put one of the rigs in the tune position.

73,  
--Andy  
wallace@mc.com

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: lkayser@rideau.net (Larry Kayser)  
Subject: Democracy, not - shipping stuff  
Message-ID: <199606060952.FAA18851@mail.peterboro.net>

Hey guys, fighting with the guy that owns the ON/OFF switch is like pushing on a ROPE. Might be fun for a while but in the end the glowbottle lights do go out.

I for one would like to know if there is a general solution to the shipping problem that has been bouncing around. If there is not then I know there is a business opportunity.....HINT

Larry

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: Charles Mann <mannnc@idirect.com>  
Subject: Did I blow it?  
Message-ID: <199606081942.PAA26183@lucid.idirect.com>

Hi gang. First, I was at a local fest today and almost grabbed a Hallicrafters S-36A for \$80.00 Canadian from an old-timer. The thing was in pretty good shape and worked according to the owner. It was covered in that yellow varnish stuff per a recent thread on BA.

I got home and discovered, to my amazement Moore says it was \$415.00 in '45-'46!

Did I miss a good rx? Anybody familiar with these things?

Second, I am looking for a BA for SWL. Can someone suggest a good general purpose radio that has good sensitivity, selectivity, dial accuracy and possibly product detector.

I want to get something that is in not mint, but excellent condition that I can keep and use for many years.

I currently use:

Halli SX-110 Had since I was a kid, drifts like crazy.  
HQ-170 Ham band only.  
HQ-145 Poor 14-30 Mhz sensitivity.  
Harris RF-505A Great SS radio but is a pain to surf HF due to the multi-knob synthesised tuning and has no noise limiter.

Some radios I have considered:

HQ-180A  
Collins 51J-4, 51S-1.  
RCA AR-88

Is there any consensus out there concerning the "best all-round" general coverage set?

TIA  
Charles Mann

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: rdkeys@csemail.cropsci.ncsu.edu  
Subject: Re: Dow Key relay substitute  
Message-ID: <9606071957.AA102496@csemail.cropsci.ncsu.edu>

>  
> On Fri, 7 Jun 1996 rdkeys@csemail.cropsci.ncsu.edu wrote:  
>  
> > A common misconception, especially at HF is that the impedance bump  
> > will matter. Basically, at ham HF levels, it won't.  
> >  
> > Any relay and box that is an appreciably small portion of a wavelength  
> > at the desired QRG (like less than 1/25 or so) will have essentially no  
> > effect. So what if you lose 1% of the output power going through the  
> > box. The attenuation in the average coax run is 5-10 times that.  
> > The extremely tiny bit of mismatch is easily handled by the average  
> > pi-net or tuner. Hence, the effect is nil, practically.  
>  
> I totally agree with this. How many HF rigs do you see that actually have  
> a coaxial relay in them? Most all are open-frame jobs of one sort or  
> another. Even some 2 meter rigs used this type.  
>  
> E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
> CIS: Data / Telecom Aurora University, Aurora, IL

Well, the coaxial relays I have seen have been biggie military vhf and hf stuff from the 50's and later. Overkill, except for the requirement to run coax from here to there in the stations to reduce rfi aboard

ship, etc., under keydown.

Actually, I tend to prefer the Leach Break-in Spark Relays of the 20's. Alas, they is only pipe dreams, mostly. I have one NIB that I have been hanging onto for years to go with my finished 1925 power Hartley station (hopefully to be finished this winter for the BA net). There was a nice article about them in QST about 1925. They have half inch silver contacts and will key a KW spark set QSK/QRQ. Wow!

A good general purpose antenna relay for BA use is the Navy style GE relays as used in the TBW and GP rigs, if you can find them in the junque box. A good substitute is the GE relay from the TCM or the BC-191/BC-375 sets. Both of these are big open frame jobs that have plenty of extra contacts for keying the transmitter, muting the receiver, and plopping sidetones wherever.

BUT PLEASE DON'T TEAR A WORKING RIG UP FOR ITS RELAY FOLKS!!!!

Enough are around at hamfests if you look under the tables in the open cardboard boxes.

Often one can find the ceramic mounted relays as used in the TCS and other gear. They were also used as power relays, quite often, and are fairly common.

The cheapskates out is the common 110ac power contactor relay. The open frame ones can be had for almost nothing around electrical shops if you ask, and work quite well if you burnish the contacts, even well used. They are sufficiently good electrically and insulative to handle the average 150 watt or less ham set. There are 24 volt versions if you can find them, but the 110ac stuff works fine on 24-28 volts. The 24 volt ac versions should work fine on 12 vdc in ham usage. They are rugged as 'ell and will last forever in the average ham antenna changeover mode. A part number for the 24 volt version by Dayton is 5X848, rated at 25 amps/1HP on the contacts.

So, next time we trapse around the bilgewater hamfests, look under the tables in the junque boxen and you will probably find very good usable HF quality relays.

The basic junque box criterion is if it has white ceramic on it for insulation, grapple it home, 'cuz it should work FB in antenna use with yer boatanchor boxes.

73/ZUT DE NA4G/Bob UP

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "David L. Thompson" <thompson@mindspring.com>  
Subject: Re: Dow Key relay substitute  
Message-ID: <199606072032.QAA14244@borg.mindspring.com>

I noticed that Henry Radio is importing a coax antenna switch (they ran ads in QST several months back). Looks sorta like the Dow-Key (we called them Buzz-Keys in the late 50'S). Henry says they use them in all their ham and commercial amps.

No idea of price...just wanted to throw out the thought especially if you do CW BA above 20WPM where Dow-Keys fail to tread.

Dave K4JRB

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>  
Subject: Re: Dow Key relay substitute  
Message-ID: <960607203805\_70401.134\_IHD99-2@CompuServe.COM>

A further note on "impedance bumps"....Every PL-259 RF connector at 2 meters and higher is an impedance bump! One of the WORST bumps you can create, is two PL-259's joined by a so called "barrel connector"! A very significant reduction in RF leakage and better operation will result from using "N" connectors on 144 mhz and higher! Coax. quality becomes important at high VHF/UHF as well! Some of the 60% or 80% braid coax is trash at these frequencies! Using PL-259's on a 2 meter repeater installation is asking for a lot of grief! You MAY luck out and have no trouble, but you are leaving yourself wide open for some very squirrely troiubles at some later date!

73,

Sandy, W5TVW

Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: berg stephen erik <z931086@corn.cso.niu.edu>  
Subject: Re: Dow Key relay substitute  
Message-ID: <Pine.3.89.9606071821.A4099-01000000@corn.cso.niu.edu>

I tried repeatedly to get a data sheet and pricing on these relays. For some reason, Henry Radio must not want to sell them very much and has never obliged me with the requested info. Repeated calls have been of no use. Henry has ads in World Radio featuring them too. Strange! I

obtained several used surplus Dow Key relays from a Listmember and will be putting them to use this summer. A quick call to the current address of DowKey got me the needed info to order new coils to suit my BA equipment. I believe that Down East Microwave sells the same relays as Henry, and they are a whole lot more interested in sales.

73,

Steve WA9JML

z931086@corn.cso.niu.edu

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: "Jack Giehl" <JACKG@s1.xetron.com>  
Subject: Dow-Key relay substitute  
Message-ID: <4ADA660415A@s1.xetron.com>

Dear BA enthusiasts,

I saw Mike, K2UXE's post about Dowkey relays.

Just thought I would mention that for HF operation, you really don't have to have a Dowkey relay. You can make your own antenna changeover relay with a small, 10 amp contact rated relay, a few connectors, aluminum box, and a few hours work.

I have made several antenna changeover relay boxes for the Johnson Ranger and Valiant using P&B open frame 120VAC 3PDT relays, which mount with a single 6-32 screw in a small rectangular Bud box about 5 X 2.5 X 2.5 inches.

I use an S0-239 connector on the box side for mating to the rear of the transmitter with a double PL-259 connector, which also serves to hold the box in place. I put another S0-239 on the end of the box which connects to the antenna, and a BNC connector that runs to the receiver. I also add an RCA phono plug that is normally open during receive.

The RCA line grounds during transmit, and controls my "ON AIR" sign and also can key the linear for high power operation.

Jack

73,

=====

Jack, WB8BFS



jackg@xetron.com      Loveland, Ohio (near Cincinnati)

=====

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Colin Schmutter" <cschmutter@bcit.bc.ca>  
Subject: Drake DC4 for sale  
Message-ID: <199606081456.HAA21534@mozart.bcit.bc.ca>

For Sale

Drake DC4 12 volt to high voltage power supply, in excellent condition.

Included are cable from power supply to rig and copy of schematic.

\$95 US plus shipping.

If interested please reply to cschmutter@bcit.bc.ca

Colin

VE7CQH

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: mflicinski@VNET.IBM.COM  
Subject: Fix for Dow-Key relay buzz  
Message-ID: <199606061411.JAA07716@uro.theporch.com>

Operate them on DC!

I've been frustrated in my attempts to get several Dow-Key coaxial relays to run reliably and quietly on AC and have tried every scheme I've run across without success.

They operate well on 30 - 40 V DC and pull less than 100 ma.  
I built up a simple power supply from an old lightning-struck TV preamp that still had a good power transformer delivering 28V. Adding a bridge rectifier and a filter cap provides about 40 V.

On the Maurauder I was able to unhook the -140 v. amplifier cutoff bias to pin 5 of the accessory socket and end up with a "dry contact" that provides a ground on transmit. The change to the Maurauder is easily restorable.

With my Valiant I plan to operate a small 110 V AC relay from the T/R relay AC voltage connection to provide a contact for the Dow-Key.

Hope this helps someone else with a similar problem.

Does someone out there have a 6AH6 for a Dow-Key electronic T/R switch? I have the switch but the toob is missing.

Mike K2UXE  
Round Rock, TX  
mflicinski@vnet.ibm.com

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: "Michael Hanz" <hanzm@ncr.disa.mil>  
Subject: Foam in place packing material  
Message-ID: <9605068340.AA834087004@ncr.disa.mil>

>On Wed., June 5, Ray Mote said:

>I laughed myself silly at the mental image I formed from his later  
>description of the unpacking session (wet, sticky foam  
>\*everywhere\*), but I don't think he was laughing much. Wonder if  
>Mike ever got that hand unstuck from his clothing?

Why do you think they now call me "Lefty?" I'm still having trouble using a fork with the wrong hand. I've come to the conclusion that Ray's normal packing method of rigid (dry) styrofoam and double boxing can't be beat (especially if you ever intend to actually unpack the sucker.) Despite everyone's desire to find easier ways of doing things, there's no such thing as a free lunch...

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: arc5@ix.netcom.com (David Stinson )  
Subject: Fobidden Book Deal  
Message-ID: <199606061448.HAA05335@dfw-ix2.ix.netcom.com>

Jack and I have locked horns before about things like this, and hashed-out our differences. I've come to the conclusion that he works hard to keep this list viable and cares passionatly about it. Some days he has a little too much coffee and can get abrasive, but most times he prods the flock back with a gentler hand. If I got skinned every time I popped my cork in frustration, I'd be one gooey mess.

I've reached a solution for those times when Jack can be a bit "ogre-ish." When a message begins to take that heated turn, I calmly push the button marked \*DELETE\*....and all that vented steam goes right in the bit bucket. Works wonders. I need to vent once in a while too; I just cuss dogs.

Anyway, about these book deals: I support that kind of message on the list. I don't give a royal rat's tail if Joe Blow makes a profit on selling a book, just like I don't care if Jack and Phil go on a Hawaiian vacation with the BA money. This ain't no club, you know. Each provides a service and asks some return as compensation for their efforts. What's important, is that the service/book/radio etc. has been made available to the group. If you don't want it, don't buy it.

Now a word to you people who whine and moan to Jack every time one message comes down you don't like: If there's a problem here, it's you guys. The noise on this reflector is lower than anywhere you can name but, because of our diverse interests, it will never, ever, ever be \*zero\* for you. Nobody reads every article in the newspaper, but I don't see them grumbling to the editor about the "noise" in this service they've paid to have for twenty years. So live with it. Deal with it. Give the man and the rest of us a break, for goodness sake. If you can't handle all the mail, you're in the wrong place.

73 DE Dave Stinson AB5S  
arc5@ix.netcom.com

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: bill@skeeter.frco.com (William Hawkins)  
Subject: RE: FS: 30kw LF transmitter: \$35  
Message-ID: <9606070257.AA01376@skeeter.frco.com>

>>

>> Probably made by Lepell and is an industrial RF generator for induction  
>> heating. Push it up 5 more kHz, find a big antenna, and never worry  
>> about being heard again! :-)

>>

>Lowfers, no mods req'd! :-)

>

Well, if the gummint removed the power cap on those low frequencies, you might have a chance of being heard in the next town, over the QRM. Probably need to do some work on the output tank. Lepel units work into a few turns of water cooled copper that surround the thing to be heated. The idea of an antenna that absorbs 500 Amps boggles the mind. The aerial would look like something Marconi built, and you'd need a salt water lake for a ground.

Bill hawkins

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: RhyneK@aol.com  
Subject: FS: E.F. Johnson Ranger I  
Message-ID: <960606144756\_550710050@emout19.mail.aol.com>

I have for sale a Johnson Ranger I. I have checked the output in the CW mode and it works. It has all the original knobs and the front panel is in excellant condx. The cabinet has a few scratches but no dents. I am asking \$225 plus shipping for it. You can reach me here via e-mail.

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: dvorkin@pcs.mot.com (Vlad Dvorkin)  
Subject: FS: WWII aircraft radio  
Message-ID: <199606090017.UAA01166@iron65.pcs.mot.com>

Gentlemen,

The following is a copy from rec.antiques.marketplace:  
(Note: Please do not contact me. Vlad).

Subject:

AIRCRAFT STUFF WW 2 for sale

Date:

7 Jun 1996 16:34:43 GMT

From:

Vic Maidhof <nautical@electriciti.com>

Organization:

Maidhof Bros.Ltd Shipware

Newsgroups:

rec.antiques.marketplace

Available:

1 pc 1930's "Portable Aircraft-comm.reciever and beacon set  
measures 10" long x 8" high x 6" wide with handle on top  
radio knobs etc etc....made by Lear....\$ 325.00 as is

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: Pete McCollum 06-Jun-1996 0933 -0600 <mccollum@ssdevo.ENET.dec.com>  
Subject: Gonset "Super-Ceiver" ??  
Message-ID: <9606061536.AA29150@us3rmc.pa.dec.com>

Hi,

A good friend is looking to buy a Gonset "Super-Ceiver" (not sure if I spelled that right). If you might have one, please contact me at MCCOLLUM@SSDEVO.ENET.DEC.COM

Also, would appreciate some basic info on what the thing is/does. It seems to go with another Gonset unit that he just acquired, and he thinks it's a mobile receiving converter or something.

Any help appreciated,  
Pete

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: jmillier@teleteam.com (Jay H. Miller)  
Subject: Hamcomm Report  
Message-ID: <v01510100addf4a653887@[205.198.110.1]>

Just returned from six hours at Hamcomm today (six hours yesterday as well). The vendor turn-out for year's event was w-a-y below previous years. Too bad as the weather was perfect and there were many potential buyers--most who didn't start showing up until 9:00 am!.

Many boatanchors found new homes in early trading. Lots of stuff was moving at fair prices. Several dealers however placed hysterically high prices on their stuff (a 32V-2 for \$600) and the rigs will still be there tomorrow. My partners moved a lot of older stuff and I saw many of the BA and Collins Collectors Assn. crowd there. I have family obligations this evening which preclude my attending the shindig Guy Dragoo set up as well as a couple of other after-flea gatherings. My thanks to those who extended an invitation to graze and imbibe.

I joined the R-390A club with a Collins-built version for \$100. Figured I couldn't go wrong with all you guys looking for parts!!! Well, I plugged it in and \*it don't work\* as they say! A manual will be here next week and we'll put the rig in line for work and restoration. Just wanted to see what

all the fuss was about with these fine receivers.

I did find a good selection of BA-ish parts and what-not in junk boxes and under the table. You had to be there early to find the good stuff cheap. A lot of dealers are starting to buy up all the big variables and inductors, porcelain insulators, rotaries and such and then reselling them for a healthy markup. Maybe that activity is starting to take some of the fun out of hamfests.

Anyway, Hamcomm was no Dayton. Guess it is like going to Disneyland and then to Knots Berry Farm. Lets see, only eleven months till Dayton!

73

```
***** ##### *****
Jay H. Miller, KK5IM           Dallas, Texas
The Pocket Guide to Collins Amateur Radio Equipment
jmillier@teleteam.com
***** ##### *****
```

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: afpgreg@state.me.us (Paul V. Gregory)  
Subject: Heath TC-3 Tube Checker  
Message-ID: <199606061353.JAA21246@gatekeeper.ddp.state.me.us>

Ahoy,

Anybody got a book on this tube tester? Or is real familiar with this instrument? Please email me: afpgreg@state.me.us  
TNX! de KB1AOC/Paul

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
Subject: help on resistor  
Message-ID: <Pine.ULT.3.91.960608103630.5010F-100000@admin.aurora.edu>

I have a 200 ohm GLOBAR brand resistor (type CX). It is 5/8 inches diameter and 2 1/2 inches long. Anyone have any idea what the wattage of this might be?

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Allan Fritsche" <fritsche@msn.com>  
Subject: I told you I would drive you crazy.  
Message-ID: <UPMAIL03.199606082146160291@msn.com>

Gang, Got to spend a little time with my new S-36A today, between Lawn mowing and car washing, etc. Now I assumed that someone had replaced the old A1, A2 and ground with a SO-239. No problem there except I could hook up an antennae and get zip- signal. I worried with it about an hour and then turned the unit backside to the bench. Then I noticed it had been modified for a Panoramic unit. OK, thats fine, now where is the dam antenna connector. Found, immediately, next to a mod 954 rf amp. Naturally the connector is some odd ball from WWII. OK. Ill put an SO-239 female in its place. What a job, Need Oriental fingers, and in fact got my wife to help start the lock washer and nut. I knew she was good for something beside cooking and ?

Unit plays pretty good now, but has dead spots out the kazoo on upper and lower limits.

What a thrill, I now have some thing to fix. (You Guys Know).

See Ya

BTW, Hank , Dexter gave me a copy of all your correspondence, so I wont bug you to much. Alas, the quality manuls that he sent with receiver, don't show the Pan Mod which is very extensive.

Later.

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: "Barry L. Ornitz" <u856010@eastman.com>  
Subject: Insulating Foam  
Message-ID: <Pine.ULT.3.91.960606110704.8693A-1000000@dua150.kpt.emn.com>

Ray Mote mentioned using insulating foam as a packing material noting he had trouble with deep-section cures.

The foam does not really dry, but it cures (cross-links) with (I believe) a urethane reaction. The final product is a thermoset material which is why so few solvents have any effect on it.

Water is the catalyst to make it cure, which is why it does not do so in the can. If you have to use it in thick sections, use a sprayer like those window cleaners are sold in, and mist a little water on each layer

before applying the next.

Those gloves packed with the can are there for a reason! NASTY STUFF! If you get any of the uncured material on you, wet it down thoroughly and wait until it hardens to try to remove it. Do this once and you will wear the gloves next time...

I have used those little zippered polyethylene bags with the foam quite successfully. Spray a little water in the bag, spray in some foam, squeeze out the excess air and QUICKLY seal the bag. The bags were then placed to protect appropriate parts.

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: Andy Wallace <wallace@mc.com>  
Subject: Johnson small CW tx with VFO [Adventurer]  
Message-ID: <9606062013.AA04157@taku>

----- Begin Included Message -----

From: Bob Duckworth <rmd@ka4ybr.netmha.com>  
Subject: shipping, admin, hamfest, wts, wtb, .....

WTB(uy) or swap above for.....

The CW only Johnson TX with VFO (like ranger but smaller)

----- End Included Message -----

This is the Adventurer. I'd like one, too -- it looks like fun. Reason for cc: to the list: anyone got one, and have comments on this rig as far as being fun/unfun to use/restore?

73,  
--Andy  
wallace@mc.com

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: pbock@melpar.esys.com (Paul H. Bock)  
Subject: Johnson small CW tx with VFO [Adventurer]  
Message-ID: <9606062021.AA06889@syseng1.se.melpar.esys.com>

>>From: Bob Duckworth <rmd@ka4ybr.netmha.com>



>>WTB(uy) or swap above for.....  
>>                   The CW only Johnson TX with VFO (like ranger but smaller)

~~~~~

>This is the Adventurer.

>wallace@mc.com

Ummm, that should be the "Navigator", Andy. The Adventurer is the low end of the line Novice rig, cathode-keyed, 6AG7, 807, xtal control only. The Navigator is VFO, grid-block keyed, etc.

Paul, K4MSG

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: Andy Wallace <wallace@mc.com>  
Subject: Re: Johnson small CW tx with VFO [NAVIGATOR]  
Message-ID: <9606062030.AA04174@taku>

Ugh, sorry folks, it's been a long week. Of course I meant NAVIGATOR, since the thing will navigate up and down the band.

I haven't been so embarrassed since I confused a J-36 with a J-37!

--Andy  
wallace@mc.com

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: rdkeys@csemail.cropsci.ncsu.edu  
Subject: Looking for 836 rectifier tubes.  
Message-ID: <9606061540.AA100154@csemail.cropsci.ncsu.edu>

Whilst getting together the spares stock for our jaunt on the good ship North Carolina, this coming field day, I don't seem to have any spare 836 vacuum HV rectifier tubes for the TCM power supply. Anyone out there in Boatanchorland got one or two spare 836's? I hate to put a demo together and be on the last one for the main demo transmitter power supply. If one breaks in transit we are in stormy seas, for sure.....

73/ZUT DE NA4G/Bob

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: "Gene S. Katz" <gkatz@motown.lmco.com>  
Subject: LorenzMi544 Crypto Set Article  
Message-ID: <Chameleon.960606094340.gkatz@pc062164.motown.lmco.com>

-----  
Name: Gene Katz  
E-mail: gkatz@motown.lmco.com  
From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: JBurgwynjr@aol.com  
Subject: Manuals wanted  
Message-ID: <960607223243\_551778033@emout10.mail.aol.com>

Need the following original manuals: Hickok 288X

Model 570

Supreme

69 and 70

RME

Tnx

John W4WAW

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: Brian Summers <bsummers@intranet.ca>  
Subject: Marauder Try-Out Instability  
Message-ID: <199606081124.HAA12094@hal.intranet.on.ca>

I'm not familiar with the Marauder, but had a similar problem several years ago on my TS-820. Corrected by re-tightening the screws that held the VFO pc board subassembly to its support frame.

73, Brian VE3JKZ

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: Karan Lee Carruth <klccarru@tenet.edu>  
Subject: Re: Military Anti-Fungal Varnish  
Message-ID: <Pine.OSF.3.91.960607181528.32536A-100000@francis.tenet.edu>

I keep an old can of polyurethane varnish around just for WW-II projects. As this varnish ages, it turns amber and is perfect for simulating the old stuff. I have not specifically used it to repair MFP varnish but it should work and is not near as toxic.

Incidentally, the MFP stamped on much WW-II gear means that it has been treated with the moisture and fungus proofing varnish. Most old manuals include a section on how to prepare the rig for spray application of the MFP varnish.

Lenox, WA50VG  
klccarru@tenet.edu

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: n5off@w5ddl.aara.org  
Subject: More New R-388 Contracts  
Message-ID: <389737@w5ddl.aara.org>

Here is the latest list of R-388 contracts and high s.n.'s. There were several additions this week thanks to Wally Chambers, K5OP of Memphis. Wally is an expert in Navy wartime contracts, and thus has files and data on all kinds of stuff.

Keep the Collins mil receiver info coming.

Tom

|         |                          |      |
|---------|--------------------------|------|
| R-388   |                          |      |
| Collins | N0bsr-49132 (AN/URR-23A) | 91   |
| Collins | N0bsr-52527 (AN/URR-23A) | 91   |
| Collins | 19624-PHILA-50           | 976  |
| Collins | 1908-PHILA-51            | 355  |
| Collins | 3131-PHILA-51            | 919  |
| Collins | 3155-PH-51               | 1379 |
| Collins | 3164-PH-51               | 153  |
| Collins | 3167-PHILA-51            | 435  |
| Collins | 3357-PHILA-52, s.n. C36  | 1672 |
| Collins | 3469-PHILA-52            | 20   |
| Collins | 3470-PHILA-52            | 1449 |

|         |                   |      |
|---------|-------------------|------|
| Collins | 25635-PHILA-53-36 | 1603 |
| Collins | 25067-PH-54-55    | 363  |
| Collins | 21318-PH-56       | 11   |
| Collins | 30951-PH-56       | 0    |
| Collins | 37003-PC-62       | 137  |
|         |                   | 9654 |

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: kq4by@ix.netcom.com (Lawrence D. Keith)  
Subject: Morrow Model CM-1  
Message-ID: <199606061957.MAA11406@dfw-ix4.ix.netcom.com>

Can anyone shed any light on a Morrow Model CM-1 Conelrad Monitor? It looks like basically an AM BC receiver with the "CD" marking on the dial in the usual places.. Utilitarian Grey Cabinet with speaker inside. Hot BC receiver! I assume the terminal strip on the back is intended to trip a relay upon receipt of the gawd-awful tone they used to send during the "This is a Test of the Emergency Broadcast System." messages that used to interrupt Elvis' latest hit on WTMA when I was a teenager.

If anyone has info or a manual, I would appreciate some e-mail..

73,

Larry, KQ4BY  
"Southern Fried Radio from the middle of Georgia!"  
KQ4BY@ix.netcom.com

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>  
Subject: Need: HR-20/HX-20 Manuals  
Message-ID: <199606061147.GAA00644@legend.txdirect.net>

When does it ever end? A nice set of Heathkit twins (HR-20/HX-20) followed me home last night, along with a nice S-25 Super Defiant. I need to get a copy of the Heathkit manuals. Does anyone have them that would be willing to let me make copies? I really only need the pertinent information but would copy the whole thing given the opportunity.

Thanks in advance.

Best 73, gary

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<<<<<<<<<< T00 many projects, NOT enough time! >>>>>>>>>>>
```

Gary H. Harmon, Jr., K5JWK gharmon@txdirect.net  
6302 Robin Forest K5JWK@K3WGF.EL09TN.#SAT.TX.USA.NOAM  
San Antonio, TX 78239 (210) 657-1549

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Re: New Arrival  
Message-ID: <55874.ddillman@igc.apc.org>

On Wed, 05 Jun 1996 22:41:13 PDT,  
Terry Burge <terrybu@netman.ENS.TEK.COM> wrote:

> Would you mind telling me what are the various frequency ranges  
> associated with the various coils? I have just bought an HRO-50T1 with  
> A,B,C and D coils and am wondering what all the different ones are. I  
> also understand from him there is a switch like thing for ham or general  
> listening.

Greetings, Terry. The frequency ranges of the coils I have are as follows. Those that have both general coverage (GC) and bandspread (BS) capability are switched via a "butterfly" switch, one for each coil within a coil pack.

A GC 14.0 - 30.0Mc  
BS 27.0 - 30.0Mc

B GC 7.0 - 14.4Mc  
BS 14.0 - 14.4Mc

C GC 3.5 - 7.3Mc  
BS 7.0 - 7.3Mc

D GC 1.7 - 4.0Mc  
BS 3.5 - 4.0Mc

E GC 900 - 2050Kc

F GC 480 - 960Kc

AA BS 27.0 - 30.0Mc

AB Unknown. Does a AB coil exist?

AC BS 21.0 - 21.5Mc

AD BS 50.0 - 54.0Mc

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: New Home for 260  
Message-ID: <78034.ddillman@igc.apc.org>

Mr. Dave Ragsdale was the first to offer a new home for the Simpson 260 so it will be on its way to him. Sincere thanks to all who made similar offers.

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: lblaske@pclink.com (Lee Blaske)  
Subject: Off-topic reflector - The answer to all our troubles!  
Message-ID: <v02130502addfa0d6f761@[204.72.134.69]>

Initially, I was only going to send this to Jack, but I've decided to break the rules. I will willingly take any flaming or other punishment that may be forthcoming.

I sincerely think that what I am about to propose could do away with 99% of the friction we have on the list, and keep everyone happy.

After I've thrown the idea out, I BEG AND IMPLORE EACH AND EVERY ONE OF YOU to not respond to this idea on the list. Send your thoughts directly to Jack. PLEASE!!!

Jack wrote:

>I will happily set up a reflector for those interested in continuing



>those discussions, but let's move them off the list and leave Boat  
>Anchors for discussions of rigs and the life and times of those who  
>designed, built, and used these wondrous Fire Bottle devices...

Jack,

This is a great idea, especially because discussing list policies continually takes up a lot of bandwidth.

But how about taking it one step further: A general purpose BA-OFF-TOPIC, ETC. reflector or mail list? We could indulge ourselves to our heart's content talking about forbidden subjects while keeping boatanchors itself pure and pristine. The only rules: No commercial postings, and don't get too nasty! Let this list be self policed. We can all take responsibility for censoring those who get too abusive. We're a fairly closely knit group, and I'd like to think things wouldn't get out of hand.

BTW, this would also be the ideal place to stick all the rec.radio.swap re-postings, and stuff like BA net announcements and maybe even hamfest reports. There would be no need to archive this material, which would further simplify managing the list.

This would be just like the comic/entertainment/sports/want-ad section of a newspaper that you throw out without reading if you're not interested. Heck, maybe you could even sell advertising space in it to commercial BA related interests.

There's a lot of earnest, pent-up desire to talk about off-topic issues. I myself have been guilty on occasion. The fact that there are more appropriate places to hash out these issues doesn't make any difference -- WE WANT TO DISCUSS THESE THINGS WITH OUR BOATANCHOR PALS, the people we know! We don't want to have to venture out into the cruel world of rec.radio.swap or other places and deal with the riff-raff. The longer that we've been on this list and have gotten to know other people on the list, the more intense the desire to chew the fat becomes. A lot of us are incurable rag chewers (with certificates to prove it). That's how we got into ham radio and boatanchors in the first place.

I think a lot of people would read an off-topic reflector or mail list, and it would eliminate a lot of policing, anger and indignation. No more people marching off in a huff. It would be great.

How about it? Personally, I'd be willing to pay a larger subscription fee for this. There's also no doubt that I'd waste a lot of my time reading the damned thing.

73,

Lee AA0EF

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Gregory S. Raven" <gsraven@cris.com>  
Subject: Output Coupling Comments- ARC5 Transmitters  
Message-ID: <199606082300.TAA22765@darius.cris.com>

>On transmitters like the ARC-5 and SCR-274-N,  
>place a good, high-voltage 50 to 100 PF  
>capacitor in series with the loading coil and  
>tune the coupling and loader for max out.  
>An interesting note about this: Most of these  
>rigs have link-coupled output. WW-II transmitters  
>are supposed (in popular myth) to have lots of  
>harmonics and TVI and chirp and stuff like that.  
>Well, people feed the transmitter into coax without  
>the series tuning. That means you have to use  
>max coupling on the link, no roller coil and  
>you'll get about half the output you should.  
>Since the link is at max, you're losing its  
>harmonic attenuation. Plus, you're mismatching  
>the output, which is a good way to make an  
>MOPA rig chirp. Use series tuning for which  
>the rig was designed and those "harmonics" will  
>join all the other ghost stories about WW-II rigs.  
>73 DE Dave Stinson AB5S  
> arc5@ix.netcom.com

I ran some simulations of a simple link-coupled output network like used on the ARC5/SCR274 series transmitters using Hewlett Packard Microwave Design Simulator.

The results pretty much agree with your assertions. The non-resonant link coupled into a 50 ohm load had about 20 dB attenuation to the 2nd harmonic. Adding a 100 pF capacitor and the necessary inductance to tune out the capacitor resulted in 40 dB of 2nd harmonic attenuation, quite an increase !

Another interesting point is that a link-coupled resonant load will not affect the resonant frequency of the plate resonant circuit. A link-coupled non-resonant load will reflect reactance back into the plate circuit (remember the link itself is the source of the reactance) and detune it. This would be a real problem with an ARC5 which was tuned and tracked into a resonant load. It could turn your ARC5 into a plate-melting chirp machine.

Another interesting feature of the tuned load is it that it broadbands the

tuning. With 2 resonant circuits properly coupled together, the result is a flat-topped bandpass filter response, as opposed to the sharp resonant peak of the single tuned circuit used with the non-resonant link-coupled circuit. This will make the tracking of the plate circuit less critical.

Get those roller inductors out of the junk box and put 'em back in your ARC5 !

73 de Greg KF5N

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>  
Subject: Re: Packing BoatAnchors  
Message-ID: <199606061634.LAA03004@dlep1.itg.ti.com>

A couple of months ago I received my "parts unit" Pacemaker packed in a musical instrument shipping box. This box was lined with foam rubber having numerous protrusions to allow considerable irregularity in the shape of the item being shipped.

The ability to conform to an object's shape was of particular advantage in shipping the Pacemaker since it lacked a cabinet. The method worked very well although the foam protrusions caused minor damage to a few electrical parts. Nevertheless, I can't imagine a better way to ship a cabinet-less boatanchor without constructing a substitute cabinet.

I've kept the shipping box for future use as it's still in very good shape. I can't comment on the availability or cost of such boxes as I was just lucky to have received it.

Regards,  
Bill Sorsby, N5BU

\*\*\*\*\*  
bill.sorsby@dlep1.itg.ti.com  
Views expressed herein are no one's fault but mine.  
\*\*\*\*\*

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Ray L. Mote" <rmote@rain.org>  
Subject: Poor Man's Multicoupler  
Message-ID: <Pine.SUN.3.93.960608003041.21432A-100000@coyote.rain.org>

The latest Fair Radio catalog had an 8-port HF power divider for \$23, so I ordered it (their number "PSK-C44/37725"). Yup, it has one BNC for input and 8 of 'em for outputs. Opened the case & took a quick peek. One PC board feeds the upper 4 ports and another feeds the lower 4 ports. With all the gray goop on the boards (to keep the components in place), it's a bit difficult to tell exactly what's there. However, it's clear that they're using a bunch (7) of 2-way splitters incorporating toroid cores, capacitors, and resistors. One splitter feeds the upper & lower boards; on each board, another splitter feeds two more splitters. The resistors are really tiny -- probably around 1/16 watt?

Sure wish someone with decently-calibrated test gear would take a quick check and see how well these beasts perform. They claim only .75 dB insertion loss, but that's probably comparing input power with the sum of the power available at all 8 ports. At any rate, it looked to me like one cheap way of getting RF to a whole shelf full of BA's without an antenna farm. Don't think I'd leave the antenna hooked up when transmitting on a nearby wire, though! Would hate to smoke one or more of those resistors.

BTW: When I ordered mine, "Ron" (at Fair) commented that they sure were going fast. Without knowing how many they had, etc., that remark could mean anything or nothing.

73.....Ray Mote, W6RIC <rmote@rain.org> Oxnard, CA

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: Michael Neidich <neidich@hooked.net>  
Subject: Re: Poor Man's Multicoupler  
Message-ID: <31B996B5.6602@hooked.net>

Re: Power Splitters

Power division by 8 gives 9 dB loss to each output, regardless of how many are connected. The .75 dB is absurd, unless they mean "in excess of the theoretical 9 dB. 9 dB comes from  $10 \cdot \log(1/8)$ . The small resistors are to properly terminate the transformers. Obviously this is a receive-only device, and one must keep xmit power out of it. You can test it if you have an S-meter, since any output port should show 9 dB less signal (which is 18 dB less voltage as S-meters refer to micro Volts). You can't beat mother nature.

Mike,  
K2ENN/6

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: provero@connix.com

Subject: Re: Poor Man's Multicoupler  
Message-ID: <199606090031.UAA26695@comet.connix.com>

Chances are the divider is not lossless on a per-port basis. 3 dB for each split is par for the course, so it looks like 9 dB for starters.

Might also want to sweep it with a generator and see what the low end frequency limit is.

We used something like this on recent (1990) vintage merchant ships that have DC-1GHz cable systems. Some of the dividers started crapping out below 5 MHz and gave truly miserable BC band performance while doing great for FM and TV.

Tucker Electronics has the ICE (Industrial Communications Engineers) active 4 port splitters for around \$30. They are pretty nice, too. The old ones were rated 0.5-30 MHz, the newer ones say 1-30 MHz, but I can't see any difference at the low end. Either version will give little or no reception below about 400 KHz.

P.J. "Josh" Rovero                      email: pjr@ocean-surveys.com Ocean  
Surveys, Inc.                      www:      http://www.ocean-surveys.com 91  
Sheffield Street                      vox:      (860)388-4631 Old Saybrook, CT 06475  
fax:      (860)388-5879

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: Terry Burge <terrybu@netman.ENS.TEK.COM>  
Subject: R-366/URR forsale  
Message-ID: <9606090246.AA28060@netman.ENS.TEK.COM>

Gang,

FWIW, I came across this today while traveling over 200 miles to pickup some BA's. Please, contact this fella, not me. These items are 'pickup only' and judging by Eulan's condition and age I can see no other way for it to be. I have only met him once(today) and can not speak for his character.

Forsale: R-366/URR Esbey Manufacturing. Weight is about 75 pounds. I packed it in the house from his pickup and it was heavy. The front panel is dark green, about a 7-8 (scale of 10), the cabinet is black I believe. Had those shock absorber like military feet on it. Made for the U.S.Navy Department on the name plate on front. He said it worked and all the knobs seemed to work good and were original. The guy lives in Albany, OR about 15 miles south of Salem. Eulan Layshot, (541)926-9790. Asking \$75 for it. (I already got the 51J3, sorry) Contact him, not me please.

Said he also has about 600 tubes, some old Oscilloscopes, power supplies and other things you can ask him about. He also seems to monitor 146.68.

Terry  
KI7M

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>  
Subject: Re: R-366/URR forsale  
Message-ID: <31BA3F2E.1CBC@ghgcorp.com>

> Forsale: R-366/URR Esbey Manufacturing. Weight is about 75 pounds. I  
> packed it in the house from his pickup and it was heavy. The front panel  
> is dark green, about a 7-8 (scale of 10), the cabinet is black I believe.  
> Had those shock absorber like military feet on it. Made for the U.S.Navy  
> Department on the name plate on front. He said it worked and all the knobs  
> seemed to work good and were original. The guy lives in Albany, OR about  
> 15 miles south of Salem. Eulan Layshot, (541)926-9790. Asking \$75 for  
> it. (I already got the 51J3, sorry) Contact him, not me please.

Someone please pick this one up, for \$75, it is a steal!

My R-366/TRR-5 (don't know where the URR above came from) by Espey is the pride and joy of my collection. Quite a nice set.

73,  
Ben  
--

=====  
+ Benjamin D. Hall, Houston Texas +  
+ BDHall@GHGCorp.com BHall@GP802.JSC.NASA.gov +  
=====

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: Terry Burge <terrybu@netman.ENS.TEK.COM>  
Subject: Re: R-366/URR forsale  
Message-ID: <9606090316.AA02185@netman.ENS.TEK.COM>

Opps!  
My mistake. It is a R-366/TRR-5.  
Terry

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: bill@skeeter.frco.com (William Hawkins)  
Subject: Re: Radio Shack sees the light, er, glow...  
Message-ID: <9606071652.AA02772@skeeter.frco.com>

I well remember a Radio Shack in Boston (Washington St.?) in the early 50's. There were two adjacent buildings, one for parts sales, and one for war surplus. Don't even want to think about what I passed up or left behind.

Was that Halligan's store, or was the name a coincidence?

Bill Hawkins bill@skeeter.frco.com

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>  
Subject: Re: Radio Shack sees the light, er, glow...  
Message-ID: <960607203807\_70401.134\_IHD99-3@CompuServe.COM>

Radio Shack lies! The organization now is totally different from the old Radio Shack! All that remains of the "original" Radio Shack is the name! Besides knowing less and less, more and more of their stuff is Red Chinese junk! They ARE handy when you need a quick part and don't want to make a trip to the 'real' radio supplier. Even the quality of their parts

has waned since Tandy took over. They went from Japanese parts to Taiwanese parts to Korean parts....now Red Chinese parts. Seems like they go to the cheapest source.

73,

Sandy, W5TVW

Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: stever@cybercomm.net (Stephan Rashkin)  
Subject: Ranger 1 &2 modulator tube differences?  
Message-ID: <199606090126.VAA13519@raven.cybercomm.net>

Anyone know why Johnson changed from the 5881/1614/6L6 type modulators in the Ranger 1 to the 7027A's in the Ranger 2?

What are the differences between the tubes and Ranger modulators?

Thanks 73,  
Steve, WA2NHZ

\*\*\*\*\*

Steve Rashkin, WA2NHZ  
Howell, New Jersey 07731

E-mail: stever@raven.cybercom.com

\*\*\*\*\*

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: bhall@GP802.jsc.nasa.gov (Hall, Benjamin D.)  
Subject: Regarding the book deal  
Message-ID: <1996Jun06.135014.1425.572282@jsc-ems-hub02.jsc.nasa.gov>

Folks:

While Jack may be a bit gruff at times and maybe was a little gruff this time, it is his hard work, blood, sweat, tears, and money that maintains the excellent list we all enjoy, and we should give him plenty of leeway. If Jack didn't do it. who would? I know I couldn't. Heck, just the QTH.BAFOLKS list has kept me awful busy. (and if you haven't checked out the new list, get it from the archives and send all the corrections/additions to BDHall@GHGCorp.com. Please, don't just hit reply, your reply will go to my NASA address.)

Plus, remember that this sandbox belongs to Jack and Phil. If you don't like the way they play, feel free get your own sandbox, like the non-existent rec.radio.boatanchors.

73,

Ben

---

BDHall@GHGCorp.com  
BHall@gp802.jsc.nasa.gov

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: johnmb <johnmb@nando.net>  
Subject: Resto question: Chassis rust  
Message-ID: <Pine.SUN.3.91.960607181528.27317A-100000@parsifal.nando.net>



Having moved from the middle of the desert in NM, to North Carolina, I've discovered the phenomenon called RUST.

In particular, this presents itself most problematically as chassis rust on steel chassis.

How do others deal with this? IS there anyway to remove it to any degree, or minimize its appearance? Do things like Naval Jelly do anything useful in this regard?

Thanks in advance for your help...  
/john

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>  
Subject: Re: Resto question: Chassis rust  
Message-ID: <31B8D2C2.7D93@ghgcorp.com>

johnmb wrote:

> In particular, this presents itself most problematically as chassis  
> rust on steel chassis.  
>  
> How do others deal with this? IS there anyway to remove it to any  
> degree, or minimize its appearance? Do things like Naval Jelly do  
> anything useful in this regard?

Hi John. I tried Naval Jelly on the moderately rusted chassis of my SX-24. It works good at getting the rust off, but once you get the rust off you IMMEDIATELY need to do something to it to protect it from further rusting. Naval Jelly leaves the metal completely naked and it rusts like you wouldn't beleive!

What I did with the SX-24 chassis was to Naval Jelly it, wash it off completely, steel wool it to a high shine, and then I applied paste wax. So far so good. (it has been two months now) I didn't want to use laquer or varnish, I have had very bad luck in the past with both of them adhering to metal. Paint was out, Halli chassis were not painted. The local platers wanted tooooooo much to plate it. I figured paste wax would be a good experiment. The radio is only going to sit in my apartment, it isn't going to see humidity again.

What do the rest of you do?

Thanks and 73,  
Ben  
--

=====  
+ Benjamin D. Hall, Houston Texas +  
+ BDHall@GHGCorp.com BHall@GP802.JSC.NASA.gov +  
=====

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: Henry van Cleef <vancleef@bga.com>  
Subject: Re: Resto question: Chassis rust  
Message-ID: <199606080538.AAA18601@zoom.bga.com>

As Benjamin D. Hall said

>  
> Hi John. I tried Naval Jelly on the moderately rusted chassis of my SX-24. It  
> works good at getting the rust off, but once you get the rust off you  
> IMMEDIATELY need to do something to it to protect it from further rusting.  
> Naval Jelly leaves the metal completely naked and it rusts like you wouldn't  
> beleive!  
>  
> What I did with the SX-24 chassis was to Naval Jelly it, wash it off completely,  
> steel wool it to a high shine, and then I applied paste wax. So far so good.  
> (it has been two months now) I didn't want to use laquer or varnish, I have had  
> very bad luck in the past with both of them adhering to metal. Paint was out,  
Ben, one reason you are having rusting problems is that you are using  
steel wool. The little wooly bits break off and embed themselves in  
the metal, and they rust like crazy. I learned about this the hard way  
after cleaning up an airplane cowling with steel wool. Looked  
beautiful. Six months later, it was a mass of rust spots.

Use a non-metallic Scotch-Brite pad as an abrasive.

The "Naval Jelly" treatment is a pickling treatment using phosphoric acid. (If I've got some details wrong, I'm sure Barry Ornitz, who "knows that chemistry stuff," will jump in and correct me). You are applying phosphoric acid solution to a combination of iron and iron oxide. The phosphoric acid oxidizes both to give iron phosphate---the black residue. I think the stuff oxidizes plating metals (zinc, cadmium) as well. You can remove the black phosphate deposits with a Scotch Brite pad if the pits are not very deep. Since you're working with bare steel, you can polish out any pits and scratches with sandpaper, finishing with 600, and polish out the remaining sand scratches with Brasso. This tends to leave shiny spots and a somewhat blotchy appearance. My method for dealing with this is to spray the whole chassis with matte lacquer. You need to wash the part first, using something like lacquer thinner. Body shop products such as Met-L-Prep will etch the steel slightly, and if there is any silicone, you can use Prep-Sol and work the residue to the edge of the part with

a rag. If you need to restore chassis markings, use draftsman's Press-Type or one of the competitors---these come in various fonts and point sizes. The part MUST remain absolutely clean and dry until you spray it.

When you spray it, just "dust" the part for the first coat and allow it to cure enough to pin down the markings. Too much, and the solvent will dissolve them. After about five minutes, put on a uniform very light coat of matte lacquer.

You must, of course, complete any to-chassis soldering before spraying the part, as serious heat will cause the lacquer to darken and lift. The matte in the lacquer (which is a filler material) will dull out the mottled and shiny-spot look, and while the finish won't be uniform when done, when the item is assembled, it looks "jess like" matte cad plating, with very little sign that you've done major surgery on the surface.

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\*\*\*\*\*  
Hank van Cleef vancleef@bga.com vancleef@tmn.com  
\*\*\*\*\*

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Sieversen, George" <George.Sieversen@HBC.honeywell.com>  
Subject: RE: Resto question: Chassis rust

Hi John,

I don't know how bad your rust problem is, but here's a secret I've discovered over the years: Deoxit D100 spray. This is the concentrated form of the Deoxit D5 spray commonly used to restore switches and connectors in boatanchors. It is somewhat pricey at around \$12 per 2oz can.

Here are some "unconventional" uses I have discovered for D100:

I brought home a Zenith Royal 3000 Trans-Oceanic from a recent hamfest. It was complete and worked well, but looked like hell.

The boss (XYL) thought I was out of my mind for paying \$50 for it and issued a decree that the ugly beast would be banished to the basement or garage. That was OK with me...I really bought it to listen to SW and BA ham AM while out in the garage! (Now they tell me it's a collectable and

how dare I treat it so badly. Go figure.)

At any rate, thanks to Fantastic and the D100 mix, The T0 really cleaned up nicely. The minor rust stains on the cabinet's exterior metal parts are gone. The stuff even restored the drab and faded vinyl covering!

The boss has rescinded her decree and the T0 occupies a place of honor in our bedroom....and I'm back to looking for a "beater" SWL receiver for the garage!

I've used D100 to clean up the chassis and front panels on my HQ100 and an HQ170. The HQ100 sat in a barn in northern Illinois for 25 years before it was given to me. It cleaned up beautifully. You will need to eliminate the "dust bunnies" before using this stuff if you don't want a goopy mess, however. Ask me how I know that!

Ever had old bakelite knobs which look dull and faded even after they were cleaned? A small amount of D100 seems to do the trick. The oily feel goes away after a while, leaving the the knob a deep, dark, shiney black.

The stuff works wonders restoring that shiney copper look to the chassis of an old T4X and, recently an R4B. However, D100 won't eliminate the "black grunge" from a copper chassis. If anyone knows what will, please let me know.

#### DISCLAIMER

While I have found D100 improves the appearance of old paint (crinkle and smooth), bakelite, copper, aluminum, steel, and vinyl with no adverse effects, your results may vary.

my \$0.02 worth....

73 de K9GDT

George Sieverson

Barrington, IL

george.sieverson@hbc.honeywell.com

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From: johnmb@nando.net

Sent: Friday, June 07, 1996 8:08 PM

Subject: Resto question: Chassis rust

Having moved from the middle of the desert in NM, to North Carolina, I've discovered the phenomenon called RUST.

In particular, this presents itself most problematically as chassis rust on steel chassis.

How do others deal with this? IS there anyway to remove it to any degree, or minimize its appearance? Do things like Naval Jelly do anything useful in this regard?

Thanks in advance for your help...  
/john

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: Tim Richardson <tim@america.net>  
Subject: Seen at Atlanta Hamfest  
Message-ID: <2.2.32.19960608193922.0067ae14@america.net>

Seen on Saturday June 8 at the Atlanta hamfest:

Collins 75A1-\$350  
Collins 75A1-\$275  
Gonset G50-\$55  
Gonset GSB100-\$75  
Hallicrafters HT44 w/ps-\$150  
Hallicrafters S20-\$75  
Hallicrafters S20R-\$60  
Millen GDO-\$35  
National NC125-\$89  
National SW3-\$350  
Trio JR60-\$79

Also seen were Heathkit Single Banders, some Swan and Siltronix rigs, some Drake gear.

Tim Richardson, WB4HZT, Acworth, GA <tim@america.net>  
"Those who cannot remember the past are condemned to repeat it."-Santayana

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: Bob Duckworth <rmd@ka4ybr.netmha.com>  
Subject: shipping, admin, hamfest, wts, wtb, .....  
Message-ID: <199606061545.LAA18595@ka4ybr.netmha.com>

shipping, admin, hamfest, wts, wtb, .....

shipping: Foam is nice but not very practical for low volume

shipping. double box it with inner box ~gear size  
6" larger double wall (375lb test) outer box and popcorn  
between the two works well. Pack for an 8' drop and  
remove any component that may shear.  
heavy stuff goes best bolted and or banded to a pallet.  
banding kits start at \$20 and pallets are free. small  
print shops usually have a good assortment piled up.  
I've been shipping electronic gear since 1981.

admin: I don't have a problem with the books being made available  
but side with Jack on the issue of individual messages re:  
order status, I don't need to know K4XXXs' book is in the mail.

hamfest: Atlanta of course. Just rolled a metal 6L6 out the front  
door and watched it bounce down the hill to the hamfest site.  
If it's heavy, we'll drag it home.

WTS(wap): Webster HG417B audio amp. Lunch box crinkle finish chrome  
handle bakelite panel. 6C6, 6A6, 42, 42, 42, 5Z3.  
Lafayette KT-99 AM stereo (FM stereo too) tuner.  
RCA audio amp chassis (pair 7027s).  
HW12, working, no power supply.  
KWM-2 with portable supply. Waters, RE, needs a little  
TLC (haven't had time to play with it since restringing  
bandswitch cable).  
4 x 8032 and 2 x 8560AS. 8032 test O.K. 8560AS marked good  
and if in line with tubes from this lot that I could test  
should be.  
Leslie power supply for 60S or 70S cabinet.  
Donor audio amp. 4 x 6L6. PP with PL xfmr's (one robbed)  
(made by interstate)  
ISDN terminal adapters  
LCD panels  
Boonton 202B (very nice condx for it's age)  
Gibson spring type reverb unit with foot switch.

WTB(uy) or swap above for.....

Mosley CM-1  
The CW only Johnson TX with VFO (like ranger but smaller)  
Signal One rig. (has a tube!)  
Geloso  
Phasing unit for steering vertical antenna array for  
40 and or 80. 2, 3 , or 4 ele 40, 2 ele 80.

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Simpson 260 Available  
Message-ID: <65739.ddillman@igc.apc.org>

Several months ago I had the good fortune to "clean out" a basement room that had been used as a TV and radio repair shop. Among the "trash" was a haul of tubes, a Heathkit TC-1 tube checker and a Simpson 260 VOM.

The 260 looked excellent on the outside with the original owner's shop sticker still on the back. But an interior examination revealed the dreaded old battery syndrome in which that wonderful electron juice they put in those things had leaked out over the innards. Still, it was more a case of insulation sloughing off wires than real corrosion of parts. Worthy of repair, I said to myself.

Well, now I must admit that the day of repair will probably never come. And besides, I have a 260 in one of those roll-top cases.

So here's the deal:

Simpson 260 as described above, no leads, free for the cost of shipping from San Francisco to a new owner who will promise to do his or her best to bring this old sweetheart back to life - and hopefully a life of servicing BAs!

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: hagelin@magi.com (Richard Brisson)  
Subject: T&T  
Message-ID: <199606061054.GAA20056@infoweb.magi.com>

In the "this and that" category:

- 1) The RCA C-02907 is an equivalent to ... the AR-88 ! Saw a pix of one last night from Mr. 19-set Chris Bisailion here in Ottawa;

- 2) With respect to packaging, Don Merz did the best work I've seen on the stuff I have ordered from him;
- 3) I will have an opportunity to check out a HR0-MX, a HW-12A, an S-76 and a Halli SW-500 all in fair to good condition \*and\* with manuals over the next few days. I would be curious to find out from the list what are fair market prices for these. I perused through my 300 or so BA digests which I have kept but I was unable to find much in the area of prices. Emailing directly to me may be best here.

Regards,

Richard.

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>  
Subject: TRADE: Heath VF-1  
Message-ID: <960609024309\_70401.134\_IHD81-1@CompuServe.COM>

TRADE: Heath VF-1 VFO in mint condition. Would like to trade for Heath HG-10B in excellent or better condition.  
George Folse, KB5WW0  
504-362-1896  
(No E-mail address!)

PLEASE contact him direct....not me. You can FAX him or leave a message at that same number if he isn't there.

George needs manuals or photocopies of following:  
Heath VHF-1 "Seneca"  
Heath SB-220 Linear Amplifier.

73,  
Sandy, W5TVW  
Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: Jeffrey Herman <jherman@hawaii.edu>  
Subject: Re: TRADE: Heath VF-1  
Message-ID: <Pine.SV4.3.91.960608170348.26523A-100000@uhunix3>

> TRADE: Heath VF-1 VFO in mint condition. Would like to trade  
> for Heath HG-10B in excellent or better condition.



I have experience with the HG-10 but not the VF-1. Was the 10 the "new and improved model"? Did the 1 have problems with instability?

Jeff KH2PZ / KH6

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Allan Fritsche" <fritsche@msn.com>  
Subject: Trip to St. Louis  
Message-ID: <UPMAIL03.199606072221070429@msn.com>

Gheez, Gang I was gone two days and all Hell broke loose with Jack's administration of the list. Heck, I am the worst culprit for starting threads like the Cat Pee, Lucent Name, etc. Believe it or not I was only trying to put a little humor in the list and not trying to start a thread but that's the way it goes. Jack has told me off a couple of times and I have had no problem with that either. I guess that's what a list administrator does.

IMHO, he does a great job.  
Now, to look over my new/old S-36A and seek guidance from this list.  
BTW, didn't have time to search for boats, someone else had the rent car.  
Al  
fritsche@msn.com

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: n5off@w5ddl.aara.org  
Subject: U of Wisconsin at Madison  
Message-ID: <389430@w5ddl.aara.org>

Terry posted the how to's on surplus shopping at UW at Madison.

Unfortunately, I didn't get to read the post until Friday. There were over 300 new BA posts since Monday. I got behind on my reading because for the last week I have been at, you guessed it,

University of Wisconsin at Madison!!!!

Jeez.....wouldn't ya just know it.

Tom N5OFF Lafayette, LA.

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996

From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Re: Usenet Postings  
Message-ID: <52205.ddillman@igc.apc.org>

On Fri, 7 Jun 1996 00:40:39 -0500 (CDT),  
Hal R. Waite <halwaite@netcom.com> wrote:

>What is the reason for the reposting of rec.radio.swap?  
>  
>Just tonight there were six posts; that seems unnecessary even though the  
>subjects were the sale of boatanchors. Don't we all have mail readers?

Greetings, Hal. Since I've been the one posting the most recent  
messages from rec.radio.swap I'll jump in here with a reply.

I must admit my finger has hesitated many times over the "Fwd" key  
when there are many boatanchors listed for sale, for fear of  
"cluttering up" the BA list (remembering that one person's clutter may  
be another's chance of a lifetime for a long-sought piece of gear).  
And in fact I do omit several possible candidates.

The reason for doing it in the first place is that I've been advised  
that many list members do not have Usenet access and I thought it  
would be a service to them.

However, as I say, I have been worried that those with Usenet access  
might find this a duplication of information they already have.

So I guess it's really up to the list and, ultimately, Jack as to  
whether these cross-postings should continue.

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: pbock@melpar.esys.com (Paul H. Bock)  
Subject: VT-167?  
Message-ID: <9606061938.AA05671@syseng1.se.melpar.esys.com>

Can someone cross VT-167 to a commercial # for me? I need a  
spare for my BC-221. \*E-MAIL\* to me, please, not the list.

Thanks,

Paul, K4MSG

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: Jack Ray <k4mzw@akorn.net>  
Subject: Re: Wait a minute ...  
Message-ID: <31B782BD.1914@akorn.net>

Here Here! Taa-Taa!!! Thanks Phil for this point of view.

Gang, this IS "BOATANCHORS" nothing more, nothing less. I think that anything which furthers the collecting, restoring, swapping, and operation of "Boatanchors" should be allowed here. \$ 12 a year is Peanuts for such an asset to those of us who are sick collectors of this tube stuff! Jim Dillon's assistance to us in getting these books is to be applauded from the highest hill. I would have never known about the Halli book or the Moore books without this list. And Jim's help is greatly appreciated.

Come on guys and gals enough of this petty stuff about who is making money and let's keep the Flames and Stories of Pet's and other non related items on the discussion groups and away from here. Start a new discussion group if you want to talk about dirt, Animal waste, concrete, asphalt, or other things that keep boatanchors from working, for days and days. One reference about this and some "helpful" information is all that we need. Not ENDLESS days and days discussions' of these otherwise goofy topics.

Sorry Jack.....:>)))

--

MZê

From boatanchors@theporch.com Sat Jun 8 07:08:37 1996  
From: stever@cybercomm.net (Stephan Rashkin)  
Subject: WTB: Heath HR-10 RECEIVER  
Message-ID: <199606061349.JAA25676@raven.cybercomm.net>

Looking for HR10 or HR 10B Heath receiver in complete, working, and nice cosmetic unmodified condition with all original knobs..

Please E-mail me direct if available..

Thanks 73,  
Steve, WA2NHZ

\*\*\*\*\*

Steve Rashkin, WA2NHZ  
Howell, New Jersey

E-mail: stever@raven.cybercom.com

\*\*\*\*\*

From boatanchors@theporch.com Sat Jun 8 00:50:42 1996  
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>  
Subject: WTB: Heathkit IP-17  
Message-ID: <960608033600\_70401.134\_IHD64-1@CompuServe.COM>

Still looking for a Heathkit IP-17 power supply gang. Anyone have one for sale or trade? I have never seen one at a hamfest here in Louisiana. They seem to be more plentiful out on the West Coast!

73,

Sandy, W5TVW

Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Sat Jun 8 22:20:59 1996  
From: robert fowle <hammarlund@voyager.net>  
Subject: Re: your package  
Message-ID: <199606082351.TAA20481@vixa.voyager.net>

I just wanted to share this with you all...I take great pride in reading responses like this.

which is why i strive to deliver the best in manuals.

>Comments: Authenticated sender is <testequipment@host.falls.igs.net>  
>From: "W.J. Ford Surplus Enterprises" <testequipment@falls.igs.net>  
>To: robert fowle <hammarlund@voyager.net>  
>Date: Sat, 8 Jun 1996 18:51:47 -0500  
>Subject: Re: your package  
>Reply-to: testequipment@falls.igs.net  
>Priority: normal  
>  
>Robert,  
>  
>Your package arrived yesterday afternoon. I am impressed ! If only

>all the copied manuals were like that....

>

>Thanks very much.

>

>Regards,

>Ron Ford

>

>>W.J. Ford Surplus Enterprises

>>21 Market St. N.,

>>P.O. Box 606

>>Smith's Falls, Ont. K7A 4T6, Canada

>>phone: (613)283-5195

>>fax:(613)283-0637

>>

--<--WE HAVE MOVED>>>

>> Our New URL is :

>><http://www.falls.igs.net/~testequipment/>

>email: [testequipment@falls.igs.net](mailto:testequipment@falls.igs.net)

=====] -[->

Robert Fowle KC8DBC

The HAMMARLUND Historian

Ph. voice or fax 517-789-6721

1215 Winifred

Jackson, Mich. 49202-1946

E-mail at: [hammarlund@vixa.voyager.net](mailto:hammarlund@vixa.voyager.net)

HAMMARLUND LITERATURE WANTED

WANTED: MANUALS FOR ANY MAKE RADIO EQUIPMENT

=====] -[->